

A METHOD AND SYSTEM FOR PROVIDING NETWORK
CONNECTIVITY AND MOBILITY WHILE ROAMING

ABSTRACT OF THE INVENTION

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A method and system for providing network connectivity and mobility for a roaming client. Specifically, in one embodiment of the present invention, an access point (AP) is enabled with a smart agent and associated protocol. The smart agent is capable of monitoring the AP link status to the backbone network and where applicable the capability to capture the TCP/IP information. Further, the smart agent located at the AP has the capability of sending the AP connection and network status information to a client when that client associates with the AP, or when the AP's network status or configuration changes. The effect of the invention is to provide a radically simple user experience in networking connectivity and mobility in both wired and wireless network infrastructures.

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